



Docket No. SAR 12743

EHL
11-21-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

MICHAEL JAMES LIBERATORE et al

Serial No.: 09/183,479

Examiner: C. Mayes

Filed: October 30, 1998

Group Art Unit: 1734

For: IMPROVED METHOD OF MAKING
TRANSMISSION LINES AND BURIED
PASSIVE COMPONENTS IN GREEN TAPE

#8
Declarator

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DECLARATION UNDER 37 CFR 1.132

To: Assistant Commissioner for Patents
Washington, DC 20231

Sir:

The undersigned, Barry Jay Thaler of 1 Chopin Lane,
Lawrenceville, NJ 08648, declares as follows:

1. That I am a co-inventor of the above patent application.
2. That I have a PhD degree from Michigan State University; that I have worked for Sarnoff Corporation and its predecessor companies for 21 years; and that I have worked in the field of ceramic printed circuit boards since 1990.
3. That I have reviewed the IBM reference cited in the above patent application against the claims and that this reference discusses a PVA coated MYLAR® casting base, which coating, when

peeled from a green tape cast upon it, adhered to the green tape.

4. That I am not familiar with any method of applying PVA either to a green tape or to a MYLAR® casting surface for green tape; and that I have enquired of our main commercial supplier of Mylar® used as a substrate for casting green tape as to whether they know of any such commercial product that they could supply to us, or if any such product had been available in the past. I was told that they were not aware that any such product had ever been made commercially, and they could not supply us with such a product.

5. That the reference does not describe how such a PVA coating is applied to a casting surface, nor any details of the PVA coating. The polymer is not described; the solvent used to apply the PVA is not described; the concentration of PVA solution used to form the PVA coated MYLAR® is not described, and the thickness of the PVA film is not described.

6. In view of the facts of the above paragraphs, I would not be able to compare a PVA coated green tape substrate and an uncoated green tape substrate as used in the above-identified patent application to emboss a pattern in a green tape.

The undersigned further declares that all statements made

The undersigned certifies that this correspondence is being deposited as first class mail with the United States Postal Service in an envelope addressed to the Assistant Commissioner of Patents, Washington, DC 20231 on

Signature

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)Applicant(s): **Michael James Liberatore et al**

Docket No.

SAR 12743

Serial No.

09/183,489 17 2000

Filing Date

October 30, 1998

Examiner

C. Mayes

Group Art Unit

1734

Invention: **IMPROVED METHOD OF MAKING TRANSMISSION LINES AND BURIED PASSIVE COMPONENTS IN GREEN TAPE**

I hereby certify that this **Declaration under 37 CFR 1.132 of Dr. Barry Thaler**

(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Commissioner of Patents and Trademarks, Washington, D.C. 20231-0001 on

11/13/2000

(Date)

William R. Morris

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William R. Morris

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